

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT
STATEMENT BY APPLICANT
(Use several sheets if necessary)

ATTY. DOCKET NO.
3419-011158

SERIAL NO.
09/934,640

APPLICANT(S)
William R. RYAN

FILING DATE
08/22/2001

GROUP
ART UNIT 3746

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KM	AA	5	6	6	9	8	5	6		12/97	Merle	165	166	
KM	AB	5	3	0	3	7	7	1		4/94	Des Champs	165	165	
KM	AC	5	2	.8	7	9	1	8		2/94	Banks et al.	165	166	
KM	AD	4	8	8	9	1	8	1		12/89	Meijer	165	78	
KM	AE	4	8	0	5	6	9	3		2/89	Flessate	165	153	
KM	AF	4	5	7	9	1	7	2		4/86	Carlsson	165	167	
KM	AG	4	3	0	1	8	6	3		11/81	Bizzarro	165	166	
KM	AH	4	2	9	7	7	7	5		11/81	Butt et al.	29	157.3 R	
KM	AI	4	2	6	3	9	6	7		4/81	McNab et al.	165	166	
KM	AJ	4	1	1	6	2	7	1		9/78	De Lepeleire	165	166	
KM	AK	5	3	6	8	0	9	5		11/94	Kadambi et al.	165	83	

FOREIGN PATENT DOCUMENTS

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EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KM	AA	5	2	1	5	1	4	4	6/93	May et al.	165	154		
KM	AB	5	1	0	5	6	1	7	4/92	Malohn	60	39.511		
KM	AC	4	9	6	6	2	3	1	10/90	Belcher et al.	165	166		
KM	AD	4	6	6	8	6	3	1	8/87	Peze et al.	165	166		
KM	AE	4	5	2	7	6	2	2	7/85	Weber	165	166		
KM	AF	4	5	0	6	5	0	2	3/85	Shapiro	60	39.43		
KM	AG	4	4	7	5	5	8	9	10/84	Mizuno et al.	165	166		
KM	AH	4	3	4	7	8	9	6	9/82	Rosman et al.	165	166		
KM	AI	4	3	0	7	5	6	8	12/81	Huller et al.	60	39.51 R		
KM	AJ	4	0	9	8	3	3	0	7/78	Flower et al.	165	166		
KM	AK	4	0	5	9	8	8	2	11/77	Wunder	29	157.3 A		

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Kim McHenry

DATE CONSIDERED

6/6/03

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KM	AA	3	8	1	8	9	8	4	6/74	Nakamura et al.	165	166		
KM	AB	3	5	0	7	1	1	5	4/70	Wisoka	60	39.51		
KM	AC	3	3	2	2	1	8	9	5/67	Topouzian	165	8		
KM	AD	3	2	5	5	8	1	8	6/66	Beam, Jr. et al.	165	166		
KM	AE	3	2	0	0	9	4	8	8/65	Kasten	210	184		
KM	AF	2	7	9	2	2	0	0	5/57	Huggins et al.	257	246		
KM	AG	5	6	8	5	1	5	6	11/97	Willis et al.	60	723		
KM	AH	5	5	5	5	9	3	3	9/96	Darragh et al.	165	166		
KM	AI	5	4	9	7	6	1	5	3/96	Noe et al.	60	39.511		
KM	AJ	5	0	8	2	0	5	0	1/92	Darragh	165	81		
KM	AK	5	0	8	1	8	3	4	1/92	Darragh	60	39.511		

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KM	AA	5	0	6	5	8	1	6	11/91	Darragh	165	125	
KM	AB	5	0	6	0	7	2	1	10/91	Darragh	165	165	
KM	AC	5	0	5	0	6	6	8	9/91	Peterson et al.	165	81	
KM	AD	4	9	9	3	2	2	3	2/91	Kretzinger	60	39.511	
KM	AE	4	6	9	7	6	3	3	10/87	Darragh et al.	165	51	
KM	AF	5	4	3	5	3	7	7	7/95	Kratochvil	165	54	
KM	AG	4	4	5	9	4	6	6	7/84	Nakagawa et al.	219	367	
KM	AH	4	2	1	0	2	0	0	7/80	Vary	165	98	
KM	AI	2	5	8	4	9	8	2	2/52	Burke	189	62	
KM	AJ	1	3	9	3	9	1	7	10/21	Snell			
KM	AK	5	7	3	5	3	4	2	4/98	Nitta	165	122	

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EXAMINER

John McHenry

DATE CONSIDERED

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KM	AA	4	9	9	6	0	2	9	2/91	Martin et al.	422	188		
KM	AB	4	8	2	1	7	9	7	4/89	Allgauer et al.	165	141		
KM	AC	4	7	7	8	0	0	2	10/88	Allgauer et al.	165	141		
KM	AD	4	6	5	7	0	7	4	4/87	Tomita et al.	165	179		
KM	AE	4	3	4	5	6	4	4	8/82	Dankowski	165	154		
KM	AF	2	3	8	6	7	4	6	10/45	Hess	158	96		
KM	AG	2	3	6	2	5	7	1	11/44	De N. McCollum	126	116		
KM	AH	0	8	1	3	9	1	8	2/06	Schmitz				
KM	AI	5	6	4	9	5	8	9	7/97	Carpentier	165	70		
KM	AJ	5	5	4	2	4	6	7	8/96	Carpentier	165	70		
KM	AK	5	3	8	8	3	9	8	2/95	Kadambi et al.	60	39.511		

FOREIGN PATENT DOCUMENTS

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Sheet 6 of 9

PTO-1449 U.S. DEPARTMENT OF COMMERCE
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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KM	AA	5	2	1	2	9	4	2	5/93	Malohn	60	39.07	
KM	AB	5	1	4	8	6	7	0	9/92	Birch et al.	60	39.142	
KM	AC	5	1	1	9	6	2	4	6/92	McKenna	60	39.511	
KM	AD	5	0	8	5	0	3	8	2/92	Todman et al.	60	39.37	
KM	AE	5	0	7	9	9	1	1	1/92	Kumakura	60	39.511	
KM	AF	5	0	0	4	0	4	4	4/91	Horgan et al.	165	145	
KM	AG	4	8	7	8	5	3	6	11/89	Stenlund	165	119	
KM	AH	4	6	6	0	3	7	7	4/87	Wadsworth	60	39.511	
KM	AI	4	5	0	9	5	8	8	4/85	Parham	165	80 R	
KM	AJ	4	4	7	0	4	5	4	9/84	Laughlin et al.	165	166	
KM	AK	4	4	3	3	5	4	5	2/84	Chang	60	678	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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FORM TO-1449 U.S. DEPARTMENT OF COMMERCE
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EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KM	AA	4	3	0	5	4	5	7		12/81	Cozzolino	165	154	
KM	AB	4	3	0	3	1	2	3		12/81	Skoog	165	166	
KM	AC	4	2	3	3	8	1	2		11/80	Leistritz	60	320	
KM	AD	4	1	7	7	8	6	1		12/79	Costello et al.	165	101	
KM	AE	3	7	7	7	5	0	2		12/73	Michie, III et al.	62	55	
KM	AF	3	1	9	7	9	7	5		8/65	Boling	62	498	
KM	AG	3	1	5	1	6	7	2		10/64	Edmund	165	143	
KM	AH	3	0	4	3	1	0	3		7/62	Dent et al.	60	35.6	
KM	AI	1	9	3	4	1	7	4		11/33	Dyckerhoff	154	28	
KM	AJ	4	9	7	4	4	1	3		12/90	Szego	60	39.511	
KM	AK	4	9	5	1	4	6	0		8/90	Prochaska et al.	60	39.161	

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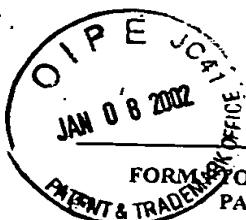
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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KM	AA	5	1	0	5	6	1	7	4/92	Malohn	60	39.511	
KM	AB	5	5	8	6	4	3	0	12/96	Stopa	60	39.511	
KM	AC	5	4	6	8	4	4	9	11/95	Sjogren et al.	422	46	
KM	AD	4	5	0	1	3	2	1	2/85	Real et al.	165	153	
KM	AE	1	6	7	3	9	9	2	6/28	Owen			
KM	AF	4	0	9	8	3	3	0	7/78	Flower et al.	165	166	
KM	AG	4	4	7	4	0	0	0	10/84	Benson et al.	60	39.511	
KM	AH	5	6	9	7	4	3	3	12/97	Kato	165	170	
KM	AI	5	4	7	4	6	3	9	12/95	Alander et al.	156	309.6	
KM	AJ	2	3	5	4	6	9	8	8/44	Norris	60	41	
KM	AK	2	5	3	7	2	7	6	1/51	McMahon et al.	257	245	

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KM	AA	5	5	6	4	4	9	6		10/96	Blum et al.	165	134.1	
KM	AB	4	3	8	2	3	5	9	05/83	Sampayo	60	39.511		
	AC													
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